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Appl. No 10/804,698
Amdt dated Dec. 7, 2007
Reply to Final Office action of Oct. 9, 2007

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This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-45 (Canceled).

46 (Currently Amended) A ~~direct expansion geothermal~~ heat exchange system comprising: ~~providing~~

a direct expansion geothermal heat exchange system having a system operational pressure; and

a system refrigerant fluidly positioned in to the direct expansion geothermal heat exchange system with wherein the system operational working pressures pressure is consistently maintained at least 33% greater than the system operational a working pressures pressure of R-22 refrigerant.

47. (Currently Amended) The system of claim 46, further comprising providing system components designed to withstand comparably greater system operational working pressures, which will be at least 33% greater than the system operational working pressures pressure of R-22 refrigerant

48 (Currently Amended) The system of claim 46, ~~further comprising providing an in~~ which the system refrigerant comprises R-410A refrigerant.

49 (Original) The system of claim 48, further comprising providing a polyol ester lubricating oil for the system's compressor.